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U.S. EPA Workshop on Common Ground for Conserving Ecosystem Services: Contributions From the Sciences of Ecology and Economics

**Marriott Crystal City
1999 Jefferson Davis Highway
Arlington, Virginia**

July 10 - 11, 2007

AGENDA

Tuesday, July 10, 2007

- | | |
|---------------------------|---|
| 9:00 am – 9:10 am | Iris Goodman, EPA, ORD. Goals for the meeting. |
| 9:10 am – 9:40 am | Introductions from all participants. |
| 9:45 am – 10:00 am | Rick Linthurst, National Program Director for Ecology, EPA, ORD. Welcome and perspectives from EPA's Ecological Research Program. |



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10:00 am – 10:20 am	<p>Perspectives from CENR and USDA Bruce Rodan, CENR, Subcommittee on Ecological Systems.</p> <p>Rob Doudrick, Ecosystem Services Coordinator, USDA. Co-chair Ecosystem Services Workgroup.</p>
10:20 am – 11 am	<p>Robert Wolcott, EPA ORD. Policy issues related to ecosystem services.</p> <p>Jim Boyd, Resources for the Future. Issues related to counting ecosystem services; role of ecology and biophysical analyses.</p> <p>John Powers, EPA, Office of Water. Classifying ecosystem services: Parallels to NAICS.</p>
11:00 am – 11:15 am	Break
11:15 am – 12:30 pm	<p>Invited presentations. These brief presentations will focus on spatial aspects related to defining and estimating ecosystem services and are intended to “seed” our group discussions. We invite our speakers to elaborate further during the discussion sessions.</p> <p>Taylor Ricketts: Natural Capital Project Bob Costanza: Gund Institute for Ecological Economic Wil Wollheim: Water Systems Analysis Group Frank Biasi: National Geographic Lisa Wainger, University of Maryland</p>
12:30 pm – 1:45 pm	Lunch (on your own)
The remainder of meeting will be conducted as a facilitated discussion among all participants. We will have contractor support for note-taking.	
1:45 pm – 3:00 pm	<p>Ecosystem service semantics. Clarification of what we mean by:</p> <ul style="list-style-type: none">• final services vs. intermediate services• production functions: insights from, and limits to, the metaphor of factory production• production possibilities curve• value and valuation, in all its varied uses• common metrics: e.g., dollars vs. biophysical quantities• stocks, rates, flows vs. measures of condition or quality• human welfare and well-being• scarcity (and how assessed economically and ecologically)• scale (especially boundaries for economic or ecological analyses)• marginal change vs. threshold change and interactions among services

3:00 pm – 3:15 pm	Break. Refreshments.
3:15 pm – 5:00 pm	<p>Develop list of candidate ecosystem services for provisional definitions and spatial measures.</p> <ul style="list-style-type: none"> • Which services are ripe for developing classifications and metrics now? • What “sleeper” services should we also be considering?
6:30 pm	Group dinner: McCormick and Schmick. Easy walking distance. We have reserved a semi-private room for our group.
Wednesday, July 11, 2007	
9:00 am – 10:45 am	<p>Humble beginnings, yet lofty ends: How can we develop a provisional list of ecosystem services and estimation methods that we can begin using now, yet are robust enough to be refined, expanded, and still useful in 5 – 10 years?</p> <p>What existing data and methods can we draw from?</p> <p>Where do we have to start fresh?</p> <p>How can we use this opportunity to create a transdisciplinary approach to ecosystem services that stretches the boundaries of all contributing disciplines?</p>
10:45 am – 11:00 am	Break
11:00 am – 12:30 pm	Continue discussion of narrative and spatially explicit measures of ecosystem services.
12:30 pm – 1:45 pm	Lunch (on your own)
1:45 pm – 3:15 pm	<p>Can we cross-walk our provisional ecosystem service definitions and measures to our major goals?</p> <p>Can a limited set of ecosystem services meet our primary goals?</p> <p>Where are the biggest gaps in our understanding?</p> <p>Where can transdisciplinary collaboration provide the greatest potential payoffs?</p>
3:15 pm – 3:30 pm	Break

3:30 pm – 4:30 pm

Taking stock of our progress.

- Is there group interest in developing a white paper that describes a path forward for ecosystem service definitions and measures?
- Are there opportunities for collaboration with other agencies, NGOs and private sector?

4:30 pm

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